

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=12; day=1; hr=16; min=26; sec=6; ms=592; ]

=====

Application No: 10525725 Version No: 2.0

Input Set:

Output Set:

Started: 2008-11-29 13:41:07.181  
Finished: 2008-11-29 13:41:07.670  
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 489 ms  
Total Warnings: 8  
Total Errors: 0  
No. of SeqIDs Defined: 15  
Actual SeqID Count: 15

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)

# SEQUENCE LISTING

<110> OKAMOTO, HITOSHI  
 UEMURA, OSAMU  
 HIGASHIJIMA, SHIN-ICHI

<120> ENHANCERS SPECIFIC TO MOTOR NEURONS  
 AND/OR SENSORY NEURONS

<130> P26510

<140> 10525725

<141> 2005-02-28

<150> PCT/JP03/11076

<151> 2003-08-29

<150> JP 2002-254829

<151> 2002-08-30

<160> 15

<170> PatentIn version 3.5

<210> 1

<211> 820

<212> DNA

<213> Danio rerio

<400> 1

gtaatcagat atttctaaaa gagtagaaca acagaagtgt cgtcaaagca agggagtgtc	60
gtgacttttt atttctcttt ttgcatttga tgcctaggcc cactcctttg ggagatgaaa	120
cgaaaactct gttataaaat catgaaaagg atatggacaa cagcaggtgg gcaaacttat	180
caaaaccctt ggcaaacgca catgcaagcg tacacacata aaggggcaaa atcattttta	240
ttagctgagt gaatgtgatt tgctgaatgc ggggaactag gctctgcaca cattaaaatt	300
ggctctaattt tctgcaaaaa agtcccatct gagtggacct ggccacagtc aatcaagtta	360
aaagctatgg gtgcttaatt tgatttacca atataaaatg caaatgaggt gattaagtgg	420
agaggggagg cagagtagga gcctctttta aaccatcaag ttaaatgtga acagacatcg	480
gactggcagc agcaagaatg ttttagcata ttcgtttgat tagaggtaca aaaatttaat	540
tagtgtggct aattgcttga caaattgcag cacactactg aaaagacaga tttttttttt	600
aaaaccgtgc aaaacccctt ccgtgtggaa attttgtcca aatggcccct atgccaatat	660
gtgaaaagca taattaaata aatggaagat ggcacaacag taccttacia tagcaaatga	720
gataattgcc tgtaattagg tgggacacaa gtctatgtcc atatgtcgtg tttctcttca	780

gtactctcc gtctctctcg taggacaaat ctaataagcc 820

<210> 2

<211> 725

<212> DNA

<213> Homo sapiens

<400> 2

caaacagatg cacctacctc ttaaagtaat cagtttctaa caaagtattg tttatatgtt	60
tcatgcaaat tgggtctgaag tgttgcttag acaatcttat tataatttaag aataaaaaact	120
tccatcaaga aattgtacaa agaaaatgga cacaccagct ggataaatct atcatgtgca	180
gggggggagta ggggaagcaa gcacttttaa ttagctgagt gaatgcagtt tgttgaacac	240
agaaagcaca gccttagtca tattaatatg tgcctaattt tctgtgaaaa agtcccatct	300
gaacaggcct gaccacagtc aatcatacta aaagccactg gtgcttaatt tgatttacca	360
atataaaatg caaattaggt tattaagtgg agtggcagac agagtagggc ccctttcaaa	420
ccatcaagtt aaatgcaagc agacagcaaa ctggctgtgc aaagaaaatt ttagcatatt	480
cgtttgatta gtgctacaaa aatttaatta ggttggttaa ttacttgaca aattgctcta	540
cacgagagaa aaggcagagg gttttttttt tcttttttca ttgcaaatac cctgtgtgta	600
ttttagccca aatgctatct gccaatgtgc aaaagcctta ttaaatgaat ggaagatggt	660
ccccataat agcaaatcat ataatgcata taattagaca aggccacac tctagccata	720
tgtcc	725

<210> 3

<211> 638

<212> DNA

<213> Mus musculus

<400> 3

cattgagaca cagttgctcc tccttttcaa agtaatcagt tataacaaag tattgcttct	60
atgtttcatg caaatagggt taaagtgttg cttagacaat cttatatatta aggaaaaaaaa	120
atacttccat caagaaattg tacaaaagaa aatggacaca ccagctggat aaatctatca	180
tacggagggg tggaggaggc aggcactttt aattagctga gtgaatgcag tttgctgaac	240
acagaaagcg cagccccagt gatattaaaa tgtgcctaatt tttctgtgaa aaagtcccat	300
ctgaaaaggc ctgaccaaag tcaatcatal taaaagccac tgggtgcttaa tttgatttac	360
caatataaaa tgcaaattag gttattaagt ggagtggcag acagagtagg gaccctttca	420
aaccatcaag ttaaatgcaa gcagacagca aactggctgt gcaaagaaaa ttttagcata	480

ttcgtttgat tagtgctaca aaaatttaat taggttggct aattacttga caaattgctc	540
tacactagag aaaaggcaga ggagtathtt ttttttttta cttttttcat tgcaaatatc	600
ctgtgtgtat tttagcccaa atgctatctg ccaatttg	638

<210> 4  
 <211> 650  
 <212> DNA  
 <213> Fugu rubripes

<400> 4	
tatcctggaa catgtcaata tcattcccaa aaatgtgaga catggaaaaa atggagctta	60
ctaaatgggt catttagcaa atttacatca tgaattagct gtaaaggcaa acgttcaggc	120
tggctctggga acagacaaca atgagacgta cagtaaaaca tgaggtgggc aattttatca	180
gagcccccttc tgcaaacatg ggggaaaaag gggaaaatca ttttaattag ctaagtgaat	240
gtgatttggt gaatgcgagt ggagccaggc gctctactct gcacattaaa attggtctaa	300
ttttctttgc agaaagtccc acatgagcag ccctggccac agtcaatcat gttaaaagct	360
gcggggtgctt aatttgattt accaatataa aatgcaaagtg aggtgatcaa gtggagtgga	420
agccaacagt aggaggctca ttttaagccat cacgttaaag ggaaagagac agaagagtgg	480
caacgtaaaag aatgttctag cttatttggt tcattagtaa tagaaaaaaa aatattagta	540
aagggtgattg tttggcacat tgacatcaga aagaaacact ctgcagcagc cataaatcct	600
gttttttcac cctacatgtc tgattttcaa ccataacttg actctttttt	650

<210> 5  
 <211> 636  
 <212> DNA  
 <213> Danio rerio

<400> 5	
gtgcagcttt agacatttaa aattgtcttc acctatcaat taggtaattt tttcggtctc	60
taaatgtctc attttatagg ttttgcagga atatgtacac ttttcaagaa aaacataatt	120
aaaatgtggt aatttccatt taacaagcag tgtttagatt atataatgca tcaataaact	180
aactgtcatc actttctata aataaactat tatcctcta agccacattt actgggcaat	240
gatcgattca tcatttcta tacagtatag gtcagcagc cttcacatg tgtttgcgta	300
ttcaggaaat atatatcgaa ggaaaggaac agagatacat ttatctaata gtcctctgaa	360
cacccagca cactgtgtaa tcaataaact tgtttttaggc aaagcacctt ttctagtac	420

tcagacgatt aaccctccat taactatttc agaagctggt aaatgcacct cagtcaataa	480
tgctaattcg aaaagctatt gtataagctg ttaagaaatg tgtattcata ttatggtaaa	540
gtggcaatct ttattacagg ctattacaaa ttgcaaaaaa agtcaatatg tgaggggaga	600
tatttcacac cgtggtgaat tatggtgctg gaattc	636

<210> 6  
 <211> 456  
 <212> DNA  
 <213> Homo sapiens

<400> 6 cgagggtgtc ttcatactt ccatatcatt gccttaaaag gcactgacca gaagaagcag	60
atgacctcat ttcaaaatta ttacagtaca gagaactcag tttcaacatt ataattcatt	120
ttatcatgga atatttcaaa tttattatca gtttcctaac acataatggt taatcgtaa	180
ggatagccac tttaacataa tatgaatag cattttctcca taggtaatac aacagttcct	240
gcattagcat tattgactaa ggtacattta acttcttcac taataacttaa tggaaggtta	300
atgtataagt caggagatta aatggctttt acttaaaaca agtatattga ttaaaataac	360
ttagtgagat ttttaagggt gatgatataa aaacagtcac acattttaat attttattta	420
atattaagag caaattggag ggtgcaacag atcaag	456

<210> 7  
 <211> 26  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic primer

<400> 7 gaattcggat ccaaggtctt cagtct	26
---	----

<210> 8  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Description of Artificial Sequence: Synthetic primer

<400> 8 ggtacctgta ttgatgggcc ac	22
-------------------------------------	----

<210> 9  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: Synthetic  
       primer  
  
 <400> 9  
 gggaattcaa acagatgcac ctacctc 27  
  
  
 <210> 10  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: Synthetic  
       primer  
  
 <400> 10  
 gggaattcgg acatatggct agagtgtg 28  
  
  
 <210> 11  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: Synthetic  
       primer  
  
 <400> 11  
 gggaattcat tgagacacag ttgctcctcc 30  
  
  
 <210> 12  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Description of Artificial Sequence: Synthetic  
       primer  
  
 <400> 12  
 gggaattcaa attggcagat agcatttggg 30  
  
  
 <210> 13  
 <211> 26  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic primer

<400> 13  
 ggtaccctgc ctgccactg tcctgc 26

<210> 14  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic primer

<400> 14  
 agatctcagg gagcagtggc cgtctcc 27

<210> 15  
 <211> 178  
 <212> DNA  
 <213> Homo sapiens

<400> 15  
 gtaaaagcca tttaatctcc tgacttatac attaaccttc cattaagtat tagtgaagaa 60  
 gttaaagtga ccttagtcaa taatgctaata gcaggaactg ttgtattacc tatggagaaa 120  
 tgcgtattca tattatgtta aagtggctat ccttaacgat taaccattat gtgttagg 178